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WITHNELL URBAN DISTRICT COUNCIL.

REPORT OF THE

MEDICAL OFFICER OF HEALTH

For the Year 1967.

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WITHNELL URBAN DISTRICT COUNCIL.

ANNUAL REPORT.

To the Chairman and Members of the Withnell Urban District Council.

Mr. Chairman and Members,

I have pleasure in presenting the Annual Report on the Health and Sanitary circumstances of the District for the year ended 31st December, 1967

The population of the District at Mid-June was 2,900, according to the Registrar General's estimate, which is 140 more than the figure for the previous year. In previous Annual Reports reference has been made to these estimates continuing to show a decreasing population for the District in spite of the considerable amount of development which has taken place in recent years. It is, therefore, pleasing to note that recognition of this is given in the present estimate.

The number of live births assignable to the District during 1967 was 44, which is 14 fewer than in the previous year and gives a birth rate of 15.2 (adjusted 18.7) per 1,000 population. The birth rates for England and Wales and the County of Lancaster were 17.2 and 17.6 (adjusted 18.1) respectively.

The number of deaths assigned to the District was 40, which is 10 fewer than in the previous year, of these 40 deaths, 14 were of persons 75 years of age and over and 12 were between 65 and 75 years of age. The death rate for the District was 13.8 (adjusted 12.1) per 1,000 population. The death rates for England and Wales and Lancashire were 11.2 and 12.2 (adjusted 13.0) respectively.

The Registrar General has provided a table giving the causes of death in age groups and this table is reproduced in the Report. Comparing the causes of death with those in the previous year it is found that the number of deaths from malignant diseases at 7 is 3 fewer, and deaths from heart diseases numbering 10 are 1 fewer. Vascular lesions of the nervous system (strokes) accounted for 6 which is the same as in the previous year, and other circulatory diseases were the cause of 5 deaths in 1967 as compared with 7 in 1966. Pneumonia and bronchitis were the causes of 4 deaths in the past year as compared with 5 in 1966. It is pleasing to note that there were no deaths attributable to tuberculosis in 1967. There was one death from this cause in the previous year.

Unfortunately during the past year there were three deaths of infants under one year of age (two of which were twins) and in fact all were under one week of age. There were 2 such deaths in 1966. Regarding still births, however, there was only 1 compared with 2 in 1966. There were again no deaths arising from child birth.

There were only two notifications of infectious diseases during 1967 both being in respect of measles.

A Mass Radiography Unit of the Regional Hospital Board again carried out a survey in the District and details relating to the survey are given in the Report.

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Environmental hygiene is still an important matter in the district in respect of water and **Sewage Disposal**.

Water supply has improved although the borehole has proved rather disappointing in the quantity of supply. All the filters have been stripped and stone and sand has been renewed giving a far better quality of supply.

Sewage disposal is still in urgent need of improvement although temporary measures at Brinscall together with careful handling has resulted in consistantly good reports on the effluent.

The other two works are still in poor condition and it is hoped that the comprehensive scheme for the area will get under way in the near future,

Housing conditions are in the main good. Private house building together with improvements to existing houses has raised the general standard significantly.



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STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The area of the District is 4,190 acres. The population figure at the 1961 Census was 2,849. For 1967 the Registrar General calculated the population as 2,900. The Rateable Value was £87,511 and a penny rate produced £320.

The Chief industries are Quarrying, Saw Mills and Cotton Mills. There has been no change in social conditions.

VITAL STATISTICS

<u>BIRTHS</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
1. <u>LIVE BIRTHS</u>			
Legitimate.	23	17	40
Illegitimate.	NIL	4	4
Live Birth Rate per 1,000 population			
Crude.	15.2		
Adjusted.	18.7 (England & Wales 17.2)		
2. <u>STILL BIRTHS</u>			
Legitimate.	NIL	NIL	NIL
Illegitimate.	NIL	1	1
Still Birth Rate per 1,000 Live & Still Births.	22 (England & Wales 14.8)		
Total Live & Still Births.			45
3. <u>INFANT DEATHS</u>			
Legitimate.	2	1	3
Illegitimate.	NIL	NIL	NIL
4. <u>INFANT MORTALITY RATE</u> <u>PER 1,000 LIVE BIRTHS</u>	68 (England & Wales 18.3)		
5. <u>NEO NATAL MORTALITY RATE</u> (deaths under 4 weeks of age) <u>PER 1,000 LIVE BIRTHS</u>	68 (England & Wales 12.5)		
6. <u>EARLY NEO NATAL MORTALITY RATE</u> (deaths under 1 week of age) <u>PER 1,000 LIVE BIRTHS</u>	68 (England & Wales 10.8)		
7. <u>PERINATAL MORTALITY RATE</u> (still births & deaths under 1 week of age) <u>PER 1,000 TOTAL BIRTHS</u>	89 (England & Wales 25.4)		
8. <u>MATERNAL DEATHS</u> (including abortion)	NIL		
9. <u>MATERNAL MORTALITY RATE PER</u> <u>1,000 LIVE & STILL BIRTHS</u>	NIL (England & Wales 0.20)		

<u>DEATHS</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
1. <u>ALL CAUSES</u>	28	12	40
Death Rate per 1,000 estimated population. Crude 13.8 Adjusted 12.1 (England & Wales 11.2)			
2. <u>RESPIRATORY T.B.</u>	NIL	NIL	NIL
Rate per 1,000 estimated population NIL (England & Wales 0.037)			
3. <u>MALIGNANT NEOPLASMS</u>	3	4	7
Rate per 1,000 estimated population 2.41 (England & Wales 2.27)			

COMPARABILITY FACTORS.

BIRTHS 1.23

DEATHS 0.88

COMPARATIVE TABLE OF VITAL STATISTICS.
CRUDE RATE.

YEAR	Live Births.		Deaths all causes.		Still-births. Sti		Maternal Mortality.		Infant total under 1 yr.		Mortality Neo-Natal under 4 wks.	
	No. Registered.	Rate per 1,000 population.	No. Registered.	Rate per 1,000 population.	No. Registered.	Rate per 1,000 Total Births.	No. Registered.	Rate per 1,000 Total Births.	No. Registered.	Rate per 1,000 Live Births.	No. Registered.	Rate per 1,000 Live Births.
1967	44	15.2	40	13.8	1	22	NIL	NIL	3	68	3	68
1966	58	21.0	50	18.1	2	33.3	NIL	NIL	2	34.5	1	17.2
1965	36	12.9	49	17.6	1	27.0	NIL	NIL	NIL	NIL	NIL	NIL
1964	45	16.1	28	10.0	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
1963	35	12.3	40	14.0	1	27.8	NIL	NIL	NIL	NIL	NIL	NIL
1962	38	13.4	36	12.7	3	73.2	NIL	NIL	1	26.3	NIL	NIL

ADJUSTED Live Birth Rate (comparability factor 1.23) 18.7 per 1,000 est.pop.

ADJUSTED Death Rate (comparability factor 0.88) 12.1 per 1,000 est.pop.

ENGLAND & WALES.

Live Birth Rate 17.2 per 1,000 home population.

Death Rate 11.2 per 1,000 home population.

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING 1967.

<u>CAUSE OF DEATH.</u>	<u>Sex.</u>	<u>Total</u>	<u>Birth-</u>	<u>45</u>	<u>55</u>	<u>65</u>	<u>75years</u>
		<u>All</u>	<u>45 yrs.</u>	<u>years</u>	<u>years</u>	<u>years.</u>	<u>and over</u>
1.							
10. MALIGNANT NEOPLASM	M	1	-	-	1	-	-
STOMACH	F	1	-	-	1	-	-
11. MALIGNANT NEOPLASM	M	1	-	-	-	-	1
LUNG, BRONCHUS	F	1	-	-	-	1	-
14. OTHER MALIGNANT &	M	1	-	-	-	1	-
LYMPHATIC NEOPLASMS	F	2	-	-	-	2	-
16. DIABETES.	M	-	-	-	-	-	-
	F	1	-	-	-	-	1
17. VASCULAR LESIONS OF	M	4	-	1	1	1	1
NERVOUS SYSTEM	F	2	-	-	-	1	1
18. CORONARY DISEASE	M	7	-	-	1	4	2
ANGINA	F	2	-	-	1	1	-
19. HYPERTENSION WITH	M	1	-	-	1	-	-
HEART DISEASE	F	-	-	-	-	-	-
21. OTHER CIRCULATORY	M	5	-	-	-	1	4
DISEASE	F	-	-	-	-	-	-
23. PNEUMONIA	M	-	-	-	-	-	-
	F	1	-	-	-	-	1
24. BRONCHITIS	M	3	-	-	2	-	1
	F	-	-	-	-	-	-
28. NEPHRITES &	M	1	1	-	-	-	-
NEPHROSIS	F	-	-	-	-	-	-
32. OTHER DEFINED &	M	3	3	-	-	-	-
ILL-DEFINED	F	2	1	-	-	-	1
DISEASES							
34. ALL OTHER	M	1	-	-	-	-	1
ACCIDENTS	F	-	-	-	-	-	-
TOTAL ALL CAUSES	M	28	4	1	6	7	10
	F	12	1	-	2	5	4

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Medical Officer of Health. - Dr. J. Walker M.B., C.H.B., L.D.S., D.P.H., D.P.D.

Other Public Appointments.

M.O.H.	Chorley Borough.
M.O.H.	Leyland U.D.C.
M.O.H.	Longridge U.D.C.
M.O.H.	Preston R.D.C.
M.O.H.	Chorley R.D.C.
M.O.H.	Adlington U.D.C.
M.O.H.	Mulwood U.D.C.
M.O.H.	Walton-le-Dale U.D.C.

Divisional Medical Officer to the Health Division No. 4.
Lancashire County Council.

HEALTH INSPECTOR. Cecil Hilary Carr.

A Part time Officer holding the appointment as Surveyor.

LABORATORY SERVICES.

The Public Health Laboratory Preston, is available for the examination of specimens for the diagnosis of cases of infectious diseases and for pathological specimens for ordinary disease.

Similar use of this laboratory is made for the bacteriological examination of samples of milk, water and ice-cream etc.

CHEST CLINIC.

The Chest Clinic is at Chorley & District Hospital. This clinic is a consultant clinic for all chest conditions.

VENEREAL DISEASE CLINIC.

Held at Preston Royal Infirmary, Blackburn Royal Infirmary, and the Diagnostic Clinic, Civic Centre, Bolton, and the Wigan Royal Infirmary.

HOSPITAL FACILITIES.

Chorley & District Hospital.
Eaves Lane Hospital, Chorley.
Preston Royal Infirmary.
Blackburn Royal Infirmary.
Sharoe Green Hospital, Preston.
Isolation Hospital, Deepdale, Preston.
Heath Charnock Hospital.
All administered by the appropriate Hospital Management Committees under the Manchester Regional Board.

COUNTY HEALTH AND WELFARE SERVICES.

These services are administered by the Lancashire County Council.

AMBULANCE FACILITIES.

The County Ambulance Service is radio-controlled and all non-urgent requests for the service are made to Radio Control Headquarters. (Tel. Broughton 2678) The nearest ambulance station is in Preston Street, Chorley.

MIDWIFERY AND NURSING IN THE HOME.

The District Nursing Midwifery Sister serving the area resides in Samlesbury. (Te. No. Salmsbury 667).

TREATMENT CLINIC FOR SCHOOLCHILDREN.

The 'Minor Ailment' clinic is held at the School Clinic, Collison Avenue, Chorley. Ancillary School Clinics (Orthopaedic, Dental and Eye etc.) are also held and attended by Practitioners of Specialist Status. Attendance by appointment via School Medical Staff.

Ante Natal Clinics and Post Natal Clinics.

These Clinics are held on Friday at Collison Avenue, Chorley. They are attended by a Consultant Obstetrician.

Maternity Beds.

Normal accommodation is available at Chorley District Hospital and Eaves Lane Hospital Chorley. Other Hospitals are also available.

Child Welfare.

A child welfare clinic is held fortnightly (Tuesday 2-4 p.m.) at the Withnell Conservative Club, and is attended by a Medical Officer of the Lancashire County Council, as well as the County Health Visitor. Ministry of Health Welfare Foods and other proprietary baby foods may be obtained from this clinic.

Health Visitors.

The County's Health Visitor for the area is Nurse Lamb who is available to give advice on all the County Health and Welfare Services.

Home Helps.

A Home Help Service in cases of sickness, Maternity and Old Age is available in the area. Application for Home Helps should be made to the Divisional Medical Officer, 55 Victoria Road, Fulwood, Preston.
(Telephone Preston 77263)

TUBERCULOSIS.

The number of persons on the Tuberculosis Register at the end of the year was.

<u>Types of Tuberculosis.</u>	1967	1966	1965	1964	1963	1962	1961
Respiratory	7	8	8	7	15	15	16
Non Respiratory	1	1	1	1	NIL	NIL	1

HOSPITAL ACCOMODATION.

Infectious Diseases are admitted to the Hospital at Deepdale when necessary.
 Smallpox cases - there were none - would have been admitted to the
 Ainsworth Hospital at Bury.

Notifiable
 Disease.

TOTAL CASES NOTIFIED.

	Total all ages	0-	1-	2-	3-	4-	5-	10-	15-	25-	45-	65 & over	Age un- known.	Total Deaths
Smallpox.														
Scarlet Fever.														
Diphtheria.														
Measles.	2													
Whooping Cough.														
Acute Pneumonia.														
Erysipelas.														
Gastro enteritis.														
Dysentery.														
Puerperal Pyrexia.														
Poliomyelitis.														
Meningococcal- Infection.														
Food Poisoning.														
Ophthalmia.														
Neonatorun.														
TOTAL.	2													Nil.

Drainage and Sewerage.

There are two Sewerage Works with settlement tanks and sprinklers, one at Brinscall, one at Withnell Fold, and one with settlement and contact beds only at Abbey Village. All of these works are unsatisfactory in various ways, by far the worst being Abbey Village. The whole sewerage scheme is being examined to determine the most economical and suitable comprehensive scheme for disposal throughout the district.

Closet Accomodation at the end of 1967.

Privy Middens	Nil.
Pail Closets	26
Dry Ashpits	Nil.
Moveable Ashbins	1072
Waste Water Closets	16
Fresh Water Closets	1172
Houses on Water	
Carriage System	1031

Public Cleansing.

The collection and disposal of house refuse was carried out weekly by the Council. The refuse was collected by motor lorry and disposed of by controlled tipping at Ollerton Fold.

Sanitary Inspection.

The number of inspections for nuisances and for defects during the year was 279 and 46 were found to be defective, 5 informal notices were served, there were no legal proceedings. 43 defects were abated at the year end.

PEST CONTROL.

No infestations of insects were found, although the old houses of all the new tenants of Council houses were inspected. Tenants who are apt to become lethargic are visited regularly and encouraged to keep their houses clean and tidy.

One of the sewerage attendants acts part-time as pest officer. His work is summarised as follows.

	Non-agricultural.	Agricultural
No. of properties in district	1203	43
Total number of properties (including nearby premises) inspected following notification	18	2
No. infested by Rats	11	2
Mice	7	-
Total number of properties inspected for rats and/or mice for reasons other than notification	-	-
No. infested by Rats	-	-
Mice	-	-

Sewers were infested by rats during the year.

INSPECTION AND SUPERVISION OF FOOD.

Meat And Other Foods.

Seven shops are registered as selling meat. Meat is brought direct as there is no private slaughterhouse in the district. Tinned meat, fruit and vegetables were inspected and in cases where necessary, were voluntarily surrendered for condemnation. No statutory action was necessary. All food premises were inspected.

CONDEMNED FOODS.

<u>Number of Packets.</u>	<u>Description.</u>	<u>Weight per Packet.</u>
12	Peas	4oz.
9	Fish Fingers.	9oz.
12	Fish Fingers.	5½oz.
14	Plaice	7¼oz.
7	Kippers.	6oz.
4	Haddock Steaks.	7½oz.
12	Peas	4oz.
10	Chickens.	3lb.
5	Beef Burgers.	8oz.
18	Fish Cakes.	2oz.
6	Peas	8oz.
5	Sausages.	8oz.
2	Fish Fingers	5½oz.
5	Sprouts.	4½oz.
5	Puff Pastry.	7½oz.
2	Sausage.	8oz.
7	Short Pastry.	7½oz.
5	Sliced Beef Gravy.	7½oz.

Ice Cream.

All ice cream sold is pre-packed. No samples of ice cream were taken for analysis under the Ice Cream (Heat Treatment) Regulation. Visits were paid to the 21 shops registered for selling ice cream.

POULTRY INSPECTION.

There are no poultry processing premises within the district.

Food Hygiene (Gen.) Reg. 1960.

1. No. of food premises.	42
2. No. of premises fitted to comply with Reg. 16.	42
3. No. of premises to which Reg. 19 provision of sink applies	10
4. No. of premises fitted to comply with Reg. 19.	10

Water Supply.

The supply is obtained for the Liverpool Corporation Waterworks Undertaking from Withnell Reservoir (upland surface water) and from a borehole on Railway Road, Withnell.

1029 Dwelling houses and an estimated population of approximately 3,000 persons are supplied with this water.

21 Bacteriological examinations of water were carried out during the year of which 20 were satisfactory and 1 was unsatisfactory. The unsatisfactory reports were followed up and were found to be due to fluctuation in chlorination due to heavy rains and minor defects in the chlorinator.

The high acidity of the water obtained from Liverpool Corporation gives rise to plumbo solvency of quite a high degree and adjustment of the Ph level of the water which is approximately 6, to approximately 7.2 has removed this problem.

The water from the borehole on Railway Road is pumped direct to mains as this water is slightly alkaline and contains few suspended solids.

SCHOOLS.

The total number of schools in the district at the end of 1967 was 5.

Sanitary Conditions of schools at the end of the year:-

- | | | | |
|---|------|-----------------------------|------|
| (a) Number of schools with unsatisfactory yard surface | | NONE. | |
| (b) Sanitary accomodation. Number of schools with | | | |
| (1) Fresh water closets | 5 | (2) Waste water closet only | NIL. |
| (3) Trough closets. | NIL | (4) Pail Closets only | NIL. |
| (5) Privy Closets. | NIL | (6) Other types. | NIL |
| (c) Drainage - No. of schools with drainage to:- | | | |
| (1) Public Sewer | 5 | (2) Private Treatment Works | NIL. |
| (d) Refuse Disposal - No. of schools with :- | | | |
| (1) Dustbins | 5 | (2) Dry Ashpits | NIL. |
| (e) Water Supply - No. of schools with :- | | | |
| (1) Public Mains. | 5 | (2) Private Supply | NIL. |
| No of private supplies (e)(2) considered unsatisfactory | | | NIL. |
| (f) No. of schools where facilities are considered unsatisfactory for | | | |
| (1) Washing | NIL. | (2) Drinking | NIL. |

School Meals.

Dining facilities and washing facilities are improving gradually in the schools throughout the district.

HOUSING AND HOUSING CONDITIONS.

24 New properties were built at Dick Lane, Withnell Fold, Gerrards Fold, Bury Lane and School Lane.

No Council houses were built during the year.

260 Inspections were made for housing defects. Several unfit houses have been improved by various amounts ranging from internal water closet to full bathrooms thus reducing the need for the provision of extra Council Houses.

There are still 2 occupied back-to-back houses, 2 obstructive building, 26 houses with pail closets and 16 houses with waste water closets in the district. Owners of houses with pail closets are being pressed to convert to a waterbourne system.

There are no back-to-earth houses, underground rooms, common lodging houses or canal boats, used for human habitation. All houses have an internal water supply and separate closet accomodation.

There is very little overcrowding in houses, except where married sons and daughters cannot find homes of their own.

There are 6 private housing schemes in operation within the district

Factories and Workshops.

There are 24 Mechanical Factories and 2 non-mechanical factories in the district. 30 Inspections were carried out.

Swimming Baths & Pool.

The Council own the Brinscall Swimming Pool, which is 75' by 25', 5 slipper baths and 1 steam bath are available. Seperate water closets are provided for each sex. Bathers have to use the spray baths before entering the swimming pool. The water is drawn from the public main, heated by an fired boiler, circulated once in 6 hours through 3 pressure sand filters and treated with sodium carbonate and chlorine. Samples are taken twice daily to ensure that the water has been adequately chlorinated. Two Bacteriological examinations were taken, both satisfactory. 1 Chemical analysis was taken and found to be satisfactory. Repairs were carried out to the boiler and pump.

The liberal use of Vanodine together with regular foot inspections have almost completely eradicated outbreaks of verrucae.

Vaccination and Immunisation.

Smallpox Vaccinations	47 Complete Vaccinations. 1 Revaccinations.
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Polio Vaccinations	40 47 Reinforcements
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Children Immunised against Diphtheria	47
" " " Whooping Cough	43
" " " Tetanus	47
" " " Diphtheria(Reinforcement)	99
" " " Whooping Cough "	1
" " " Tetanus "	98

Prescribed Particulars on the Administration
of the Factories Act 1961.

1 - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors.

Premises.	Number on Register.	Inspections.	Number of Written Notices.	Occupiers Prosecuted.
(1)	(2)	(3)	(4)	(5)
(1) Factories in which Sections 1,2,3,4, & 6 are to be enforced by the Local Authorities.....	9	10	Nil	Nil
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.....	14	14	Nil	Nil
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	5	6	Nil	Nil
TOTAL.	28	30	Nil	Nil

2 - Cases in which DEFECTS WERE found.

(If defects are discovered at the premises on two, three or more
separate occasions they should be reckoned at two, three or more "cases".

Particulars.	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted.
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector.	
	(2)	(3)	(4)	(5)	(6)
Want of Cleanliness(S.1.)	NIL	NIL	NIL	NIL	NIL
Overcrowding (S.2.)	NIL	NIL	NIL	NIL	NIL
Unreasonable Temperature (S.3.)	NIL	NIL			
Inadequate ventilation (S.4.)	NIL	NIL			
Ineffective drainage of floors (S.6.)	NIL	NIL			
Sanitary conveniences (S.7.)					
(a) Insufficient	NIL	NIL			
(b) Unsuitable or defective.	NIL	NIL			
(c) Not separate for sexes	NIL	NIL			
Other offences against the Act (not including offences relating to out-work)	NIL	NIL			
TOTAL.	NIL	NIL	NIL	NIL	NIL

(b) Part VIII of the Act - Outwork: NIL.

No. 1 Mass Radiography Unit,
Eaves Lane Hospital,
Chorley.

29th January, 1968.

Mass Radiography - WITHNELL U.D.C. 1967.

Given below are the Final Statistics relating to the above survey.

<u>TYPE OF EXAMINEE.</u>	<u>MALES</u>	<u>FEMALES</u>	<u>TOTAL.</u>
Industry/Offices	193	171	364
General Public	88	171	259
Hostel Residents & Staff.	18	20	38
	299	362	661

ABNORMALITIES DETECTED

C.V.L. acquired	-	2	2
Healed T.B.	3	-	3
Bronchiectasis	1	-	1
Pleural thickening	1	-	1
Abnormalities of diaphragm.	-	2	2

